ABSTRACT

The present invention provides peptide mimics for GD3 ganglioside. The peptide mimics were identified by panning phage display peptide libraries with an anti-GD3 monoclonal antibody. The peptide mimics inhibit the binding of an anti-GD3 antibody to GD3 positive cells and also elicit antibodies which can bind to GD3 positive cells. The identified peptide mimics can be used as immunogens for cancer therapy.

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